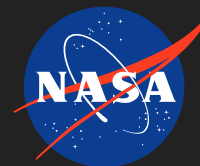


Plasma Induced Micro Flame Ionization Detector for Environmental Monitoring, Phase I

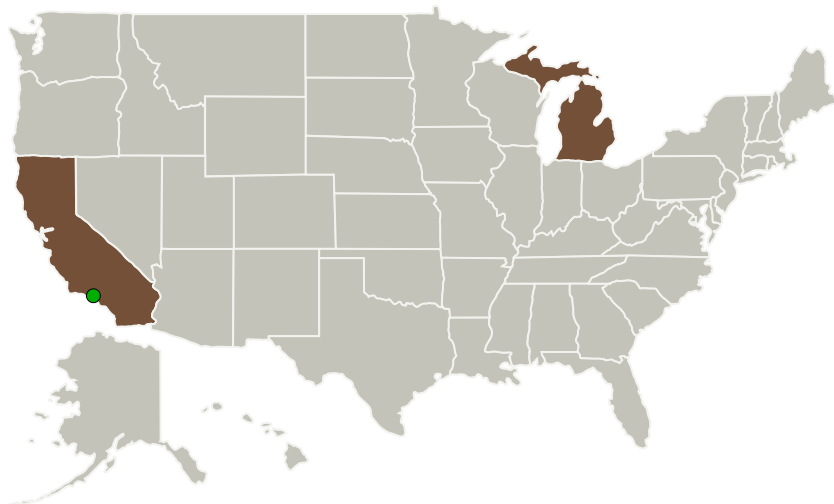
Completed Technology Project (2011 - 2011)




Project Introduction

Abstract

Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Type	Location
ElectroDynamic Applications, Inc.	Lead Organization	Industry Minority-Owned Business	Ann Arbor, Michigan
 Jet Propulsion Laboratory (JPL)	Supporting Organization	NASA Center	Pasadena, California

Primary U.S. Work Locations

California	Michigan
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Project Transitions

 **February 2011:** Project Start

Plasma Induced Micro Flame Ionization Detector for Environmental Monitoring, Phase I

Table of Contents

Project Introduction	1
Primary U.S. Work Locations and Key Partners	1
Project Transitions	1
Organizational Responsibility	2
Project Management	2
Technology Maturity (TRL)	2
Technology Areas	3
Target Destinations	3

Plasma Induced Micro Flame Ionization Detector for Environmental Monitoring, Phase I

Completed Technology Project (2011 - 2011)



September 2011: Closed out

Closeout Documentation:

- Final Summary Chart(<https://techport.nasa.gov/file/138684>)

Organizational Responsibility

Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

Lead Organization:

ElectroDynamic Applications, Inc.

Responsible Program:

Small Business Innovation Research/Small Business Tech Transfer

Project Management

Program Director:

Jason L Kessler

Program Manager:

Carlos Torrez

Principal Investigator:

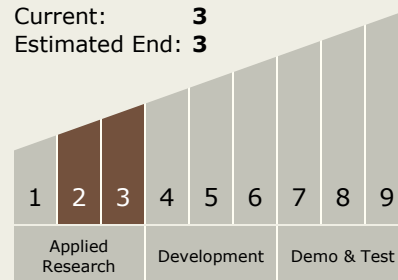
Thomas M Liu

Technology Maturity (TRL)

Start: 2

Current: 3

Estimated End: 3



Plasma Induced Micro Flame Ionization Detector for Environmental Monitoring, Phase I

Completed Technology Project (2011 - 2011)



Technology Areas

Primary:

- TX06 Human Health, Life Support, and Habitation Systems
 - └ TX06.4 Environmental Monitoring, Safety, and Emergency Response
 - └ TX06.4.1 Sensors: Air, Water, Microbial, and Acoustic

Target Destinations

The Sun, Earth, The Moon, Mars, Others Inside the Solar System, Outside the Solar System